

Result No.	Score	Query Match	Length	DB ID	Description
-					SUMMARIES
1	30.6	27.8	903	17 US-10-367-493-35131	Sequence 35131, A
2	30.6	27.8	912	17 US-10-367-493-38098	Sequence 38098, A
3	30.6	27.8	912	17 US-10-367-493-38261	Sequence 38261, A
4	30.6	27.8	912	17 US-10-367-493-38589	Sequence 38589, A
5	30.2	27.5	235033	15 US-10-301-844-1	Sequence 1, Appl
6	30.2	27.5	237326	15 US-10-301-844-2	Sequence 2, Appl
7	28.8	26.2	737	13 US-10-027-632-143917	Sequence 143917,
8	28.8	26.2	737	13 US-10-027-632-143918	Sequence 143918,
9	28.8	26.2	737	13 US-10-027-632-143919	Sequence 143919,
10	28.8	26.2	737	17 US-10-027-632-143917	Sequence 143917,
11	28.8	26.2	737	17 US-10-027-632-143918	Sequence 143918,
Copyright (c) 1993 - 2005 Compugen Ltd.					
OM nucleic - nucleic search, using sw model.					
Run on: June 4, 2005, 21:00:47 ; Search time 520 Seconds 1300.416 Million cell updates/sec (without alignments)					
Title: US-09-486-094C-1					
Perfect score: 110					
Sequence: 1 agttcgatgcaggcagat.....gaacgtgtcgacggatccgg 110					
Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0					
Searched: 5706582 seqs, 3073711274 residues					
Total number of hits satisfying chosen parameters: 11413164					
Minimum DB seq length: 0					
Maximum DB seq length: 2000000000					
Post-processing: Minimum Match 0%					
Maximum Match 100%					
Listing first 45 summaries					
Database : Published Applications-NA *					RESULT 1
1: /cgn2_6_ptodata/1/pubpna/us07_PUBCOMB.seq:*					US-10-369-493-35131
2: /cgn2_6_ptodata/1/pubpna/PCT_NEW_PUB.seq:*					; Sequence 35131, Application US/10369493
3: /cgn2_6_ptodata/1/pubpna/US06_NEW_PUB.seq:*					; Publication No. US20030233675A1
4: /cgn2_6_ptodata/1/pubpna/us07_NEW_PUB.seq:*					; GENERAL INFORMATION:
5: /cgn2_6_ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*					; APPLICANT: Cao, Yongwei
6: /cgn2_6_ptodata/1/pubpna/US08_NEW_PUB.seq:*					; APPLICANT: Hinkle, Gregory J.
7: /cgn2_6_ptodata/1/pubpna/US08_PUBCOMB.seq:*					; APPLICANT: Slater, Steven C.
8: /cgn2_6_ptodata/1/pubpna/US09_PUBCOMB.seq:*					; APPLICANT: Goldman, Barry S.
9: /cgn2_6_ptodata/1/pubpna/US09A_PUBCOMB.seq:*					; APPLICANT: Chen, Xianfeng
10: /cgn2_6_ptodata/1/pubpna/US09B_PUBCOMB.seq:*					; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
11: /cgn2_6_ptodata/1/pubpna/US09_C_PUBCOMB.seq:*					; FILE REFERENCE: 38-10 (52052) B
12: /cgn2_6_ptodata/1/pubpna/US09_NNEW_PUB.seq:*					; CURRENT APPLICATION NUMBER: US/10/369,493
13: /cgn2_6_ptodata/1/pubpna/US10A_PUBCOMB.seq:*					; CURRENT FILING DATE: 2003-02-28
14: /cgn2_6_ptodata/1/pubpna/US10B_PUBCOMB.seq:*					; PRIOR APPLICATION NUMBER: US 60/360,039
15: /cgn2_6_ptodata/1/pubpna/US10C_PUBCOMB.seq:*					; PRIOR FILING DATE: 2002-02-21
16: /cgn2_6_ptodata/1/pubpna/US10D_PUBCOMB.seq:*					; NUMBER OF SEQ ID: NOS: 47374
17: /cgn2_6_ptodata/1/pubpna/US10E_PUBCOMB.seq:*					; SEQ ID NO: 35131
18: /cgn2_6_ptodata/1/pubpna/US10F_PUBCOMB.seq:*					; LENGTH: 903
19: /cgn2_6_ptodata/1/pubpna/US110A_NEW_PUB.seq:*					; ORGANISM: Agrobacterium tumefaciens
20: /cgn2_6_ptodata/1/pubpna/US110B_NEW_PUB.seq:*					US-10-369-493-35131
21: /cgn2_6_ptodata/1/pubpna/US110C_NEW_PUB.seq:*					
22: /cgn2_6_ptodata/1/pubpna/US60_NEWPUB.seq:*					
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.					
ALIGNMENTS					
Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0					
Minimum DB seq length: 0					
Maximum DB seq length: 2000000000					
Post-processing: Minimum Match 0%					
Maximum Match 100%					
Listing first 45 summaries					
Database : Published Applications-NA *					
1: /cgn2_6_ptodata/1/pubpna/us07_PUBCOMB.seq:*					
2: /cgn2_6_ptodata/1/pubpna/PCT_NEW_PUB.seq:*					
3: /cgn2_6_ptodata/1/pubpna/US06_NEW_PUB.seq:*					
4: /cgn2_6_ptodata/1/pubpna/us07_NEW_PUB.seq:*					
5: /cgn2_6_ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*					
6: /cgn2_6_ptodata/1/pubpna/US08_NEW_PUB.seq:*					
7: /cgn2_6_ptodata/1/pubpna/US09_PUBCOMB.seq:*					
8: /cgn2_6_ptodata/1/pubpna/US09A_PUBCOMB.seq:*					
9: /cgn2_6_ptodata/1/pubpna/US09B_PUBCOMB.seq:*					
10: /cgn2_6_ptodata/1/pubpna/US09C_PUBCOMB.seq:*					
11: /cgn2_6_ptodata/1/pubpna/US09D_PUBCOMB.seq:*					
12: /cgn2_6_ptodata/1/pubpna/US09E_PUBCOMB.seq:*					
13: /cgn2_6_ptodata/1/pubpna/US10A_PUBCOMB.seq:*					
14: /cgn2_6_ptodata/1/pubpna/US10B_PUBCOMB.seq:*					
15: /cgn2_6_ptodata/1/pubpna/US10C_PUBCOMB.seq:*					
16: /cgn2_6_ptodata/1/pubpna/US10D_PUBCOMB.seq:*					
17: /cgn2_6_ptodata/1/pubpna/US10E_PUBCOMB.seq:*					
18: /cgn2_6_ptodata/1/pubpna/US10F_PUBCOMB.seq:*					
19: /cgn2_6_ptodata/1/pubpna/US110A_NEW_PUB.seq:*					
20: /cgn2_6_ptodata/1/pubpna/US110B_NEW_PUB.seq:*					
21: /cgn2_6_ptodata/1/pubpna/US110C_NEW_PUB.seq:*					
22: /cgn2_6_ptodata/1/pubpna/US60_NEWPUB.seq:*					
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.					
SUMMARIES					
Result No.	Score	Query Match	Length	DB ID	Description
-					
1	30.6	27.8	903	17 US-10-367-493-35131	Sequence 35131, A
2	30.6	27.8	912	17 US-10-367-493-38098	Sequence 38098, A
3	30.6	27.8	912	17 US-10-367-493-38261	Sequence 38261, A
4	30.6	27.8	912	17 US-10-367-493-38589	Sequence 38589, A
5	30.2	27.5	235033	15 US-10-301-844-1	Sequence 1, Appl
6	30.2	27.5	237326	15 US-10-301-844-2	Sequence 2, Appl
7	28.8	26.2	737	13 US-10-027-632-143917	Sequence 143917,
8	28.8	26.2	737	13 US-10-027-632-143918	Sequence 143918,
9	28.8	26.2	737	13 US-10-027-632-143919	Sequence 143919,
10	28.8	26.2	737	17 US-10-027-632-143917	Sequence 143917,
11	28.8	26.2	737	17 US-10-027-632-143918	Sequence 143918,

Db . 532 GACAACGTGCCGACGGA 548

Db 541 GACAACGTGCCGACGGA 557

RESULT 2

US-10-369-493-38098
 ; Sequence 38098, Application US/10369493
 ; Publication No. US20030233675A1
 ; GENERAL INFORMATION
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10 (52052) B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/360,039
 ; PRIOR FILING DATE: 2002-02-21
 ; NUMBER OF SEQ ID NOS: 47374
 ; SEQ ID NO 38098
 ; LENGTH: 912
 ; TYPE: DNA
 ; ORGANISM: Agrobacterium tumefaciens
 ; US-10-369-493-38098

Query Match 27.8%; Score 30.6; DB 17; Length 912;

Best Local Similarity 62.3%; Pred. No. 1.7;

Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

Qy 29 GCAGGAGGAGGGTGGTTGTACTACAGGCACTAACAGCCATACTGAGCTCGCGAG 88

Db 481 GAGAAGCCAGGGATGCGATGCGATGGCTCTTGCGCTTGCGCTGCGCAAG 540

Qy 89 GCGAACGTGTGCGACGGA 105

Db 541 GACAACGTGCCGACGGA 557

RESULT 3

US-10-369-493-38261
 ; Sequence 38261, Application US/10369493
 ; Publication No. US20030233675A1
 ; GENERAL INFORMATION
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10 (52052) B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/360,039
 ; PRIOR FILING DATE: 2002-02-21
 ; NUMBER OF SEQ ID NOS: 47374
 ; SEQ ID NO 38261
 ; LENGTH: 912
 ; TYPE: DNA
 ; ORGANISM: Agrobacterium tumefaciens
 ; US-10-369-493-38261

Query Match 27.8%; Score 30.6; DB 17; Length 912;

Best Local Similarity 62.3%; Pred. No. 1.7;

Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

Qy 29 GCAGGAGGAGGGTGGTTGTACTACAGGCACTAACAGCCATACTGAGCTCGCGAG 88

Db 481 GAGAAGCCAGGGATGCGATGCGATGGCTCTTGCGCTTGCGACGGAAGCGCTCGCCAAG 540

Qy 89 GCGAACGTGTGCGACGGA 105

Db 541 GACAACGTGCCGACGGA 557

RESULT 5

US-10-301-844-1
 ; Sequence 1, Application US/10301844
 ; Publication No. US20030100747A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ruddy, David A.
 ; APPLICANT: Wolfe, Roger K.
 ; APPLICANT: Hinkle, Gregory J.
 ; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Penile & Edmonds, LLP
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 10036-2811
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: Windows
 ; SOFTWARE: FastSEQ for Windows Version 2.0b
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/301,844
 ; FILING DATE: 20-NO. US20030100747A1-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/852,495C
 ; FILING DATE: 07-MAY-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Poissant, Brian M.
 ; REGISTRATION NUMBER: 28,462

TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

PLANTS WITH IMPROVED PROPERTIES

CURRENT APPLICATION NUMBER: US/10/369,493

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: US 60/360,039

PRIOR FILING DATE: 2002-02-21

NUMBER OF SEQ ID NOS: 47374

LENGTH: 912

TYPE: DNA

ORGANISM: Agrobacterium tumefaciens

US-10-369-493-38098

Query Match 27.8%; Score 30.6; DB 17; Length 912;

Best Local Similarity 62.3%; Pred. No. 1.7;

Matches 48; Conservative 0; Mismatches 29; Indels 0; Gaps 0;

Qy 29 GCAGGAGGAGGGTGGTTGTACTACAGGCACTAACAGCCATACTGAGCTCGCGAG 88

Db 481 GAGAAGCCAGGGATGCGATGCGATGGCTCTTGCGCTTGCGACGGAAGCGCTCGCCAAG 540

Qy 89 GCGAACGTGTGCGACGGA 105

REFERENCE/DOCKET NUMBER: 8907-0057-999
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-493-4935
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 235033 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-10-301-844-1

Query Match 27.5%; Score 30.2; DB 15; Length 235033;

Best Local Similarity 69.5%; Pred. No. 8;
 Matches 41; Conserv 0; Mismatches 18; Indels 0; Gaps 0;

Qy 1 AGGTCCGTTGAGGGCAGATCAAGATCTGCAGGAGGGTGGTGTGCTACTACAAGTCG 59
 Db 192069 AGGACCATAGCTGGAGGAGCATAGAACGAGGGTGGTTAAATAATCTG 192127

RESULT 6
 US-10-301-844-2

Sequence 2, Application US/10301844
 Publication No. US20030100747A1

GENERAL INFORMATION:
 APPLICANT: Ruddy, David A.
 WOJFF, Roger K.

TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
 NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds, LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA

ZIP: 10036-2811

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: Windows

SOFTWARE: FasSEQ for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/301,844

FILING DATE: 20-NO-2003

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/852,495C

FILING DATE: 07-MAY-1997

ATTORNEY/AGENT INFORMATION:

NAME: Poissant, Brian M.

REGISTRATION NUMBER: 28 462

REFERENCE/DOCKET NUMBER: 8907-0057-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-493-4935

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 237326 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Query Match 27.5%; Score 30.2; DB 15; Length 237326;
 Best Local Similarity 69.5%; Pred. No. 8; Mismatches 18; Indels 0; Gaps 0;

Qy 1 AGGTCCGTTGAGGGCAGATCAAGATCTGCAGGAGGGTGGTGTGCTACTACAAGTCG 59
 Db 194290 AGGACCATAGCTGGAGCATAGAACGAGGGTGGTTAAATAATCTG 194348

RESULT 7
 US-10-027-632-143917

Sequence 143917, Application US/10027632

Publication No. US2002019837A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

Polymorphisms in the Human Genome

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: US 60/146,002

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FasSEQ for Windows Version 4.0

SEQ ID NO 143917

LENGTH: 737

TYPE: DNA

ORGANISM: Human

US-10-027-632-143917

Query Match 26.2%; Score 28.8; DB 13; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAGGAGATAAGATCTGCAGGAGGGTGGTGTGCTACTACAAGTCGACTAACAGC 68
 Db 64 GCGCCGGAGGAGGAGCTGGCTGAGGAGCTGGTGGAGAGGAGCTGGACRGAG 123

RESULT 8
 US-10-027-632-143918

Sequence 143918, Application US/10027632

Publication No. US2002019837A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

Polymorphisms in the Human Genome

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/156,358

PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325/20
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 143918
 LENGTH: 737
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-143918

Query Match 26.2%; Score 28.8; DB 13; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAAGCAGATCAAATCTCGAGGAGGGTGTACTACAAAGTCATAACAG 68
 Db 64 GCGCCGCCAGGCCAGGTGGCTGAGGGCTGGTTGAGCAGGGTGCACRGAG 123

Qy 69 GCCATACTGAGCTC 82
 Db 124 GGCTTGAGGGCTC 137

RESULT 9
 US-10-027-632-143919
 Sequence 143919, Application US/10027632
 Publication No. US2002198371A1

GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 1999-08-09
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 NUMBER OF SEQ ID NOS: 325/20
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 143919
 LENGTH: 737

TYPE: DNA
 ORGANISM: Human
 US-10-027-632-143917

Query Match 26.2%; Score 28.8; DB 17; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAAGCAGATCAAATCTCGAGGAGGGTGTACTACAAAGTCATAACAG 68
 Db 64 GCGCCGCCAGGCCAGGTGGCTGAGGGCTGGTTGAGCAGGGTGCACRGAG 123

Qy 69 GCCATACTGAGCTC 82
 Db 124 GGCTTGAGGGCTC 137

RESULT 11
 US-10-027-632-143918
 Sequence 143918, Application US/10027632
 Publication No. US2002198371A9

GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 NUMBER OF SEQ ID NOS: 325/20
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 143918
 LENGTH: 737

TYPE: DNA
 ORGANISM: Human
 US-10-027-632-143919

Query Match 26.2%; Score 28.8; DB 13; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAAGCAGATCAAATCTCGAGGAGGGTGTACTACAAAGTCATAACAG 68
 Db 64 GCGCCGCCAGGCCAGGTGGCTGAGGGCTGGTTGAGCAGGGTGCACRGAG 123

Qy 69 GCCATACTGAGCTC 82
 Db 124 GGCTTGAGGGCTC 137

RESULT 10
 US-10-027-632-143917
 Sequence 143917, Application US/10027632

; ORGANISM: Human
 US-10-027-632-143918

Query Match 26.2%; Score 28.8; DB 17; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAAGCAGATCAAGATCTGAGGAGGGCTGGTTGACTACAACTAACAG 68
 Db 64 GCGCGGCAAGAGCAGGAGTGGCTGGAGGAGCTGTTGAGCCAGGACRGCAG 123

Qy 69 GCCATACTGAGCTC 82
 Db 124 GGCCTGGAGGCTC 137

RESULT 12
 US-10-027-632-143919
 ; Sequence 143919, Application US/10027632
 ; Publication No. US20030204075A9
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-01-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325/20
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; LENGTH: 737
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-143919

Query Match 26.2%; Score 28.8; DB 17; Length 737;
 Best Local Similarity 60.8%; Pred. No. 6.7;
 Matches 45; Conservative 1; Mismatches 28; Indels 0; Gaps 0;

Qy 9 GTGCAAGCAGATCAAGATCTGAGGAGGGCTGGTTGACTACAACTAACAG 68
 Db 64 GCGCGGCAAGAGCAGGAGTGGCTGGAGGAGCTGTTGAGCCAGGACRGCAG 123

Qy 69 GCCATACTGAGCTC 82
 Db 124 GGCCTGGAGGCTC 137

RESULT 13
 US-10-027-632-172797
 ; Sequence 172797, Application US/10027632
 ; Publication No. US2003019831A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT APPLICATION NUMBER: US/10/027,632
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; LENGTH: 849
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-172797

Query Match 26.2%; Score 28.8; DB 17; Length 849;
 Best Local Similarity 58.0%; Pred. No. 6.9;
 Matches 51; Conservative 0; Mismatches 37; Indels 0; Gaps 0;

Qy 1 AGGTCTGTTGCAAGCAGATCTGAGGAGGGCTGGTTGACTACAACTAACAG 60
 Db 703 AGGACAGTGACACAGAGGAGGAGACAGAGGAGTGGTTGTTACTGGGG 762

Qy 61 ACTAACAGGCCATACTGAGCTCGGGAG 88
 Db 763 AAGGGAGGCCACCCGGGGCTGGAG 790

Db 703 AGGACATGGACAGAGGAGAACAGGAGAACAAGGAGATGGGTGTTACTCTTACTCGGG 762
 Qy 61 ACTAACGCCATACTGAGCTGGCGAG 88
 Db 763 AAGGGAGAGCCACCCGSAAGGGCTGTGAG 790

RESULT 15
 US10-425-115-172118
 Sequence 172118, Application US/10425115
 Publication No. US20040214272A1
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants
 CURRENT APPLICATION NUMBER: US/10/425,115
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 369326
 SEQ ID NO 172118
 LENGTH: 409
 TYPE: DNA
 ORGANISM: Zea mays
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (1)-(409)
 OTHER INFORMATION: unsure at all n locations
 FEATURE:
 OTHER INFORMATION: Clone ID: MRT4577_88554C.1
 US-10-425-115-172118

Query Match 26.0%; Score 28.6; DB 18; Length 409;
 Best Local Similarity 56.5%; Pred. No. 6.9;
 Matches 52; Conservative 0; Mismatches 40; Indels 0; Gaps 0;
 Qy 12 CAGGCCATCAAGATCTGAGAGGGGGGGTTOCTACTACAAGTGACTAAAGGCC 71
 Db 304 CCGCGAGCCAAAGCCCCAACAGATGGCGGGCTGGCTGGGAAGGCTGGCAACCT 363
 Qy 72 ATACTGAGCTGGCGAGGGAAACGTGTGAGC 103
 Db 364 NCACGGAGCTGGCGCAAGCAGCGTGAACGCG 395

Search completed: June 4, 2005, 22:50:08
 Job time : 522 secs

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Page 1

CURRENT FILING DATE: 2000-05-08
 PRIOR APPLICATION NUMBER: PCT/FR98/02375
 PRIOR FILING DATE: 1998-11-06
 PRIOR APPLICATION NUMBER: FR 97/14,263
 PRIOR FILING DATE: 1997-11-07
 NUMBER OF SEQ ID NOS: 14
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 3
 LENGTH: 98
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Derived from *Psodius maculiventris*
 NAME/KEY: CDS
 LOCATION: (1) ... (63)
 US-09-554-024-3

Query Match 31.8%; Score 35; DB 4; Length 98;
 Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;

Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 76 TGAGCTGGCAGGCGAACGTGTCGAGGATCGG 110
 Db 64 TGAGCTGGCAGGCGAACGTGTCGAGTCCGG 98

RESULT 3
 US-09-554-024-5
 Sequence 5, Application US/09554024
 Patent No. 6707098
 GENERAL INFORMATION:
 APPLICANT: Freyssinet, Georges
 APPLICANT: Derossi, Richard
 APPLICANT: Hoffman, Jules
 TITLE OF INVENTION: Gene Coding for Thaumatin, Vector
 TITLE OF INVENTION: Containing Same and Resulting Transformed Disease-Resistant
 TITLE OF INVENTION: Plants
 FILE REFERENCE: A33207-PCT-USA
 CURRENT APPLICATION NUMBER: US/09/554,024
 CURRENT FILING DATE: 2000-05-08
 PRIOR APPLICATION NUMBER: PCT/FR98/02375
 PRIOR FILING DATE: 1998-11-06
 PRIOR APPLICATION NUMBER: FR 97/14,263
 PRIOR FILING DATE: 1997-11-07
 NUMBER OF SEQ ID NOS: 14
 SEQ ID NO 5
 LENGTH: 197
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Derived from *Psodius maculiventris*
 NAME/KEY: CDS
 LOCATION: (12) ... (164)
 US-09-554-024-5

Query Match 30.0%; Score 33; DB 4; Length 197;
 Best Local Similarity 100.0%; Pred. No. 0.063; Mismatches 0; Indels 0; Gaps 0;

Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 76 TGAGCTGGCAGGCGAACGTGTCGAGGATCC 108
 Db 165 TGAGCTGGCAGGCGAACGTGTCGAGGATCC 197

RESULT 4
 US-08-724-394A-20/C
 Sequence 20, Application US/08724394A
 GENERAL INFORMATION:
 APPLICANT: Feder, John N.
 APPLICANT: Kronmal, Gregory S.
 APPLICANT: Lauer, Peter M.
 APPLICANT: Ruddy, David A.
 APPLICANT: Thomas, Winston
 APPLICANT: Tsuchihashi, Zenia
 APPLICANT: Wolff, Roger K.
 TITLE OF INVENTION: Sequences and Antibodies Thereto
 NUMBER OF SEQUENCES: 31

RESULT 5
 US-08-724-394A-21/C
 Sequence 21, Application US/08724394A
 GENERAL INFORMATION:
 APPLICANT: Feder, John N.
 APPLICANT: Kronmal, Gregory S.
 APPLICANT: Lauer, Peter M.
 APPLICANT: Ruddy, David A.
 APPLICANT: Thomas, Winston
 APPLICANT: Tsuchihashi, Zenia
 APPLICANT: Wolff, Roger K.
 TITLE OF INVENTION: Sequences and Antibodies Thereto
 NUMBER OF SEQUENCES: 31

RESULT 6
 US-08-724-394A-20/C
 Sequence 20, Application US/08724394A
 GENERAL INFORMATION:
 APPLICANT: Feder, John N.
 APPLICANT: Kronmal, Gregory S.
 APPLICANT: Lauer, Peter M.

ZIP: 94111-3834
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/724,394A
 FILING DATE: 01-OCT-1996
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Fitts, Renee A.
 REGISTRATION NUMBER: 35,136
 REFERENCE/DOCKET NUMBER: 017957-000100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-576-0200
 TELEFAX: 415-576-0300
 SEQUENCE CHARACTERISTICS:
 LENGTH: 246240 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: not relevant
 TOPOLOGY: not relevant
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: 1..246240
 OTHER INFORMATION: /note= "HLA-H. CONTIG"
 US-08-724-394A-22

Query Match 27.5%; Score 30.2; DB 2; Length 246240;
 Best Local Similarity 69.5%; Pred. No. 7;
 Matches 41; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 AGGTCCGTGAGCAGTCAAGATCTCAGGGAGGGGTGTTGCTACTAACAGTG 59
 Db 47382 AGGACCATGAGCTTGAGGCATGAAGTACAGGGAGGGTGTCAAATAATCTG 47324

RESULT 6
 US-08-724-394A-22/c
 Sequence 22, Application US/08724394A
 Patent No. 5872237

GENERAL INFORMATION:
 APPLICANT: Feder, John N.
 APPLICANT: Kronmal, Gregory S.
 APPLICANT: Lauer, Peter M.
 APPLICANT: Ruddy, David A.
 APPLICANT: Thomas, Winston
 APPLICANT: Tsuchihashi, Zenita
 APPLICANT: Wolff, Roger K.
 TITLE OF INVENTION: Megabase Transcript Map: No. 5872237el
 TITLE OF INVENTION: Sequences and Antibodies Thereto
 NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:
 ADDRESSEE: TOWNSEND and CREW LLP
 STREET: Two Embarcadero Center, 8th Floor
 CITY: San Francisco
 STATE: CA
 COUNTRY: USA
 ZIP: 94111-3834

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.3.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/724,394A
 FILING DATE: 01-OCT-1996
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: Fitts, Renee A.
 REGISTRATION NUMBER: 35,136

REFERENCE/DOCKET NUMBER: 017957-000100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-576-0200
 TELEFAX: 415-576-0300
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 246240 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

NAME/KEY: misc feature
 LOCATION: 1..246240
 OTHER INFORMATION: /note= "HLA-H. CONTIG"
 US-08-724-394A-22

Query Match 27.5%; Score 30.2; DB 2; Length 246240;
 Best Local Similarity 69.5%; Pred. No. 7;
 Matches 41; Conservative 0; Mismatches 18;
 Indels 0; Gaps 0;

Qy 1 AGGTCCGTGAGCAGTCAAGATCTCAGGGAGGGGTGTTGCTACTAACAGTG 59
 Db 47382 AGGACCATGAGCTTGAGGCATGAAGTACAGGGAGGGTGTCAAATAATCTG 47324

RESULT 7
 US-08-752-760A-1/c
 Sequence 1, Application US/08752760A
 Patent No. 5877011

GENERAL INFORMATION:
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Smith, Alan E.
 TITLE OF INVENTION: CHIMERIC ADENOVIRAL VECTORS
 NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Baker & Botts, L.L.P.
 STREET: 30 Rockefeller Plaza
 CITY: New York
 STATE: NY
 COUNTRY: U.S.A.
 ZIP: 10112

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FABSEQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/752,760A
 FILING DATE: 20-NOV-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Seide, Rochelle K.
 REGISTRATION NUMBER: 32,300
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-705-5000
 TELEFAX: 212-705-5020
 TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 35081 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 28.4%; Score 28.4%; Pred. No. 15;

Best Local Similarity 54.9%; Length 35081;

RESULT 8
 US-09-103-840A-2
 ; Sequence 2, Application US/09103840A
 ; Patent No. 6294329
 ; GENERAL INFORMATION:
 ; APPLICANT: FLEISCHMAN, Robert D.
 ; APPLICANT: WHITE, Owen R.
 ; APPLICANT: FRASER, Claire M.
 ; APPLICANT: VENTER, John C.
 ; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
 ; FILE REFERENCE: 24366-20007.00
 ; CURRENT APPLICATION NUMBER: US/09/103, 840A
 ; CURRENT FILING DATE: 1998-06-24
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2 LENGTH: 4403765
 ; TYPE: DNA
 ; ORGANISM: Mycobacterium tuberculosis
 ; FEATURE:
 ; OTHER INFORMATION: CIC 1551
 ; OTHER INFORMATION: "n" bases at various positions throughout the sequence
 ; OTHER INFORMATION: represent a, t, c or g
 US-09-103-840A-2

Matches 56; Conservative 0; Mismatches 46; Indels 0; Gaps 0; Query Match 25.5%; Score 28; DB 3; Length 4411529;
 Best Local Similarity 60.5%; Pred. No. 96; Matches 46; Conservative 0; Mismatches 30; Indels 0; Gaps 0;
 Qy 8 TCTGCCAGTCAAGTCCTCAGGAGGGTGTGACTACAGTGCACTAACCA 67
 Db 30221 TCTGAAAGTAGCTAACAGTGAGGGCTCGGGAGGGCTCTTAAGTACTGATCA 30192
 Qy 68 GCCTCATCTGACTGCTCGGGAGGGAACTGTGACGATCCG 109
 Db 30191 TGGGAACCTGATTTCGGGAGGGCGTGGTGGCG 30150
 Qy 89 GCGAAAGTGTGACGG 104
 Db 73529 GTGTTCTGGCAACGG 73544

RESULT 10
 US-09-949-016-11759
 ; Sequence 11759, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949, 016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIORITY NUMBER: 60/241, 755
 ; PRIOR APPLICATION NUMBER: 60/237, 768
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIORITY NUMBER: 60/231, 498
 ; PRIOR APPLICATION NUMBER: 60/231, 498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 11759
 ; LENGTH: 15164
 ; TYPE: DNA
 ; ORGANISM: Human
 US-09-949-016-11759

Query Match 25.1%; Score 27.6; DB 4; Length 15164;
 Best Local Similarity 63.6%; Pred. No. 22; Matches 42; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
 Qy 29 CGAGGAGGAGGGTGTGACTACAAGTGCACTAACAGGCCATACTGAGCTGGAG 88
 Db 73448 CTGCGGGAGTGGAGATCCCTGGAGATACTCGCCGAGATGCACTGGCG 73507
 Qy 89 GCGAACCTGTGCAACGG 104
 Db 73508 GTGTTCTGGCAACGG 73523

RESULT 11
 US-09-949-016-15664
 ; Sequence 15664, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949, 016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIORITY NUMBER: 60/241, 755
 ; PRIOR APPLICATION NUMBER: 60/237, 768
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIORITY NUMBER: 60/231, 498
 ; PRIOR APPLICATION NUMBER: 60/231, 498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 15664
 ; LENGTH: 15165
 ; TYPE: DNA

Query Match 25.1%; Score 27.6; DB 4; Length 15164;
 Best Local Similarity 63.6%; Pred. No. 22; Matches 42; Conservative 0; Mismatches 24; Indels 0; Gaps 0;
 Qy 27 CTGCGGGAGGGGGTGTGACTACAGTGCACTAACAGGCCATACTGAGCTGGCG 86
 Db 2736 CTGCGGGATAGGGCTGGTCTCGCCATGACAGTGGCAAGCTTAAGTGGAG 27956
 Qy 87 AGGCCA 92
 Db 2796 ACCTGA 2801

RESULT 9
 US-09-103-840A-1
 ; Sequence 1, Application US/09103840A
 ; Patent No. 6294328
 ; GENERAL INFORMATION:
 ; APPLICANT: FLEISCHMAN, Robert D.
 ; APPLICANT: WHITE, Owen R.
 ; APPLICANT: FRASER, Claire M.
 ; APPLICANT: VENTER, John C.
 ; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
 ; FILE REFERENCE: 24366-20007.00
 ; CURRENT APPLICATION NUMBER: US/09/103, 840A
 ; CURRENT FILING DATE: 1998-06-24
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 1 LENGTH: 4411529
 ; TYPE: DNA
 ; ORGANISM: Mycobacterium tuberculosis
 ; OTHER INFORMATION: H37Rv
 US-09-103-840A-1

; ORGANISM: Human
 US-09-949-016-15664

Query Match 25.1%; Score 27 6; DB 4; Length 15165;
 Best Local Similarity 63.6%; Pred. No. 22;
 Matches 42; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

Qy 27 CTGCAAGGAGGGGGTGTACTACAGTGCCTACAGGCCATACTGAGCTCGGGC 86
 Db 2736 CTGCAAGGAGGGGGTGTACTACAGTGCCTACAGGCCATACTGAGCTCGGGAG 2795

Qy 87 AGGCSA 92
 Db 2796 ACCTGA 2801

RESULT 12
 US-08-853-310-3/c
 Sequence 3, Application US/08853310
 ; GENERAL INFORMATION:
 ; APPLICANT: Randazzo, Filippo
 ; TITLE OF INVENTION: Mammalian Additional Sex Combs (Asx) Acts as a Tumor Suppressor
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Chiron Corporation
 ; STREET: 4560 Horton Street
 ; CITY: Emeryville
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 94608
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.10
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/853,310
 ; FILING DATE:
 ; CLASSIFICATION: 514
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Guth, Joseph H.
 ; REGISTRATION NUMBER: 31,261
 ; REFERENCE/DOCKET NUMBER: 1228.003
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (510) 923-3888
 ; TELEFAX: (510) 655-3542
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 5362 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-853-310-3/c

Query Match 24.9%; Score 27 4; DB 2; Length 5362;
 Best Local Similarity 75.6%; Pred. No. 18;
 Matches 34; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 29 GCAGGAGGGGGTGTACTACAGTGCCTACAGGCCAT 73
 Db 957 GCAGGAGGGGGTGTACTACAGTGCCTACAGGCCAT 913

RESULT 13
 US-09-949-016-12258
 ; Sequence 1258, Application US/09949016
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949, 016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIORITY APPLICATION NUMBER: 60/241,755
 ; PRIORITY FILING DATE: 2000-10-20
 ; PRIORITY APPLICATION NUMBER: 60/237,768
 ; PRIORITY FILING DATE: 2000-10-03
 ; PRIORITY APPLICATION NUMBER: 60/231,498
 ; PRIORITY FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 12258
 ; LENGTH: 10434
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)..(10434)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-949-016-12258

Query Match 24.4%; Score 26 8; DB 4; Length 10434;
 Best Local Similarity 73.9%; Pred. No. 36;
 Matches 34; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
 Qy 2 GGTCGGTGTGGCAGGAGTCAAGATCTGAGGGAGGGGGTGGTTG 47
 Db 6507 GGTCGACTGGGAGGGCAGGGCAGGGACAGGTGGCTG 6552

RESULT 14
 US-09-949-016-14654
 ; Sequence 14654, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CL001307
 ; CURRENT APPLICATION NUMBER: US/09/949, 016
 ; CURRENT FILING DATE: 2000-04-14
 ; PRIORITY APPLICATION NUMBER: 60/241,755
 ; PRIORITY FILING DATE: 2000-10-20
 ; PRIORITY APPLICATION NUMBER: 60/237,768
 ; PRIORITY FILING DATE: 2000-10-03
 ; PRIORITY APPLICATION NUMBER: 60/231,498
 ; PRIORITY FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 14654
 ; LENGTH: 10435
 ; TYPE: DNA
 ; ORGANISM: Human
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (1)..(10435)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-949-016-14654

Query Match 24.4%; Score 26 8; DB 4; Length 10435;
 Best Local Similarity 73.9%; Pred. No. 36;
 Matches 34; Conservative 0; Mismatches 12; Indels 0; Gaps 0;
 Qy 2 GGTCGGTGTGGCAGGAGTCAAGATCTGAGGGAGGGGGTGGTTG 47
 Db 6507 GGTCGACTGGGAGGGCAGGGACAGGTGGCTG 6552

RESULT 15
 US-09-270-767-28921
 ; Sequence 28921, Application US/09270767
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; GENERAL INFORMATION:

09/486/094

APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 28921
LENGTH: 355
TYPE: DNA
ORGANISM: *Drosophila melanogaster*
US-09-270-767-28921

Query Match 24.2%; Score 26.6; DB 4; Length 355;
Best Local Similarity 53.3%; Pred. No. 13; Length 355;
Matches 56; Conservative 0; Mismatches 49; Indels 0; Gaps 0;
Matches 56; Conservative 0; Mismatches 49; Indels 0; Gaps 0;

Qy	6 CGTGTGCAAGGAGATAAAGATCTGCAGGGAGGGTGGTTACTACAAGTGCACTAA 65
Db	196 CCGTTGCAACACATCACACCATCACACCAAGCAGCAAGCCGTGTCGCAACATTACACAG 255
Qy	66 CAGGCCATACTGAGCTGGCAGGGCAGCTGTCAGGATCCGG 110
Db	256 CGCCGGATTCGGCCAGATCACAGCCGAGCAAGCGGG 300

Search completed: June 4, 2005, 21:21:07
Job time : 139 secs

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OM protein - protein search, using sw model.

Run on: June 3, 2005, 01:22:14 ; Search time 137 Seconds
 (without alignments)

63.080 Million cell updates/sec

Title: US-09-486-094C-2

Perfect score: 148

Sequence: 1 RSVCRQIKICRRGGCCYKCTNRPY 25

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Searched: 1465611 seqs, 345679903 residues

Total number of hits satisfying chosen parameters: 1465611

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

Published Applications_AA.*

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4: /cn2_6_ptodata/2/pubbaa/US06_PUBCOMB.pep:*

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6: /cn2_6_ptodata/2/pubbaa/US08_PUBCOMB.pep:*

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15: /cn2_6_ptodata/2/pubbaa/US10C_PUBCOMB.pep:*

16: /cn2_6_ptodata/2/pubbaa/US10D_PUBCOMB.pep:*

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19: /cn2_6_ptodata/2/pubbaa/US60_NEW_PUB.pep:*

20: /cn2_6_ptodata/2/pubbaa/US60_PUBCOMB.pep:*

14 53 35.8 49 15 US-10-204-342-10

15 52 35.1 466 16 US-10-437-963-155311

16 52 35.1 1973 15 US-10-034-845A-5

17 51.5 34.8 956 15 US-10-004-378A-76

18 51.5 34.8 956 15 US-10-004-378A-77

19 51.5 34.8 967 16 US-10-322-696-69

20 51 34.5 171 16 US-10-437-963-164298

21 51 34.5 216 17 US-10-732-923-16158

22 50.5 34.1 735 9 US-10-898-570-10

23 50.5 34.1 735 10 US-10-839-446-10

24 50.5 34.1 845 9 US-09-898-570-12

25 50.5 34.1 845 10 US-09-839-446-12

26 50.5 34.1 880 15 US-10-104-047-2834

27 50.5 34.1 897 14 US-10-239-663-3

28 50.5 34.1 897 15 US-10-470-390A-12

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33 50.5 34.1 993 14 US-10-239-663-3

34 50.5 34.1 993 15 US-10-406-073-8

35 50.5 34.1 993 15 US-10-406-073-15

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38 50.5 34.1 1009 9 US-09-898-570-16

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40 50.5 34.1 1009 16 US-10-480-172-20

41 50 33.8 77 14 US-10-029-386-34021

42 50 33.8 124 15 US-10-424-599-24204

43 50 33.8 222 15 US-10-424-599-24204

44 50 33.8 516 16 US-10-887-942-4

45 50 33.8 527 15 US-10-369-493-17411

ALIGNMENTS

RESULT 1 US-10-884-355A-49

; Sequence 49, Application US/10884355A

; Publication No. US200505889A1

; GENERAL INFORMATION:

; APPLICANT: Reactive Surfaces, Ltd.

; TITLE OF INVENTION: Antifungal Paints and Coatings

; FILE REFERENCE: RACT-00400

; CURRENT APPLICATION NUMBER: US/10-884-355A

; CURRENT FILING DATE: 2004-07-02

; PRIOR APPLICATION NUMBER: 60/1485,234

; PRIOR FILING DATE: 2003-07-03

; NUMBER OF SEQ ID NOS: 199

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 49

; LENGTH: 25

; TYPE: PRT

; ORGANISM: Androctonus australis

US-10-884-355A-49

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Best Local Similarity 100.0%; Pred. No. 3.1e-12; Mismatches 0; Indels 0; Gaps 0;

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Db 1 RSVCRQIKICRRGGCCYKCTNRPY 25

RESULT 2 US-10-437-963-137499

; Sequence 137499, Application US/10437963

; Publication No. US20040123343A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovacic, David K.

SUMMARIES

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2	62	41.9	718	16 US-10-437-963-137499	Sequence 137499, App1
3	57.5	38.9	1574	10 US-09-825-751A-77	Sequence 77, App1
4	57.5	38.9	2695	15 US-10-015-115-14	Sequence 14, App1
5	57.5	38.9	2757	15 US-10-015-115-16	Sequence 16, App1
6	57.5	38.9	2844	15 US-10-015-115-8	Sequence 8, App1
7	57.5	38.9	2845	15 US-10-015-115-12	Sequence 12, App1
8	57.5	38.9	2877	15 US-10-015-115-10	Sequence 10, App1
9	57.5	38.9	2995	15 US-10-015-115-6	Sequence 6, App1
10	56	37.8	762	16 US-10-437-963-153697	Sequence 153687, App1
11	55.5	37.5	290	16 US-10-363-829-289	Sequence 81, App1
12	54.5	36.8	34	16 US-10-254-734-81	Sequence 11, App1
13	54	36.5	49	15 US-10-204-342-11	

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Boukharov, Andrey A.
 APPLICANT: Barbazuk, Brad
 APPLICANT: Li, Ping
 TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Title of Invention: Plants and Uses Thereof for Plant Improvement
 FILE REFERENCE: 38-21(53221)B
 CURRENT APPLICATION NUMBER: US/10/437,963
 CURRENT FILING DATE: 2003-05-14
 NUMBER OF SEQ ID NOS: 204966
 SEQ ID NO: 137499
 LENGTH: 718
 TYPE: PRT
 ORGANISM: Oryza sativa
 FEATURE: OTHER INFORMATION: Clone ID: PAT_MRT4530_38978C.1.pep
 US-10-437-963-137499

Query Match 41.9%; Score 62; DB 16; Length 718;
 Best Local Similarity 47.6%; Pred. No. 7.6;
 Matches 10; Conservative 3; Mismatches 8; Indels 0; Gaps 0;

Qy 4 CROQIKCRRRGGCYKCTNRP 24
 Db 334 CQDIDBECKLARCGTCYGCNTNP 354

RESULT 3
 US-09-825-751A-77
 Sequence 77, Application US/09825751A
 Publication No. US20030065140A1
 GENERAL INFORMATION:
 APPLICANT: CuraGen Corporation
 APPLICANT: Vernet, Corinne A.M.
 APPLICANT: Fernandes, Elma R
 APPLICANT: Taupier, Raymond J
 APPLICANT: Quinn, Kerry E
 APPLICANT: Spytek, Kimberly A.
 APPLICANT: Rastelli, Luca
 TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 15966-750
 CURRENT APPLICATION NUMBER: US/09/825,751A
 CURRENT FILING DATE: 2001-04-30
 PRIOR APPLICATION NUMBER: 60/194,314
 PRIOR FILING DATE: 2000-04-03
 PRIOR APPLICATION NUMBER: 60/225,693
 PRIOR FILING DATE: 2000-08-16
 NUMBER OF SEQ ID NOS: 85
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 77
 LENGTH: 1574
 TYPE: PRT
 ORGANISM: Rattus norvegicus
 US-09-825-751A-77

Query Match 38.9%; Score 57.5%; DB 10; Length 1574;
 Best Local Similarity 40.9%; Pred. No. 5.7;
 Matches 9; Conservative 4; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROQIKCR-RGGCYKCTNRP 24
 Db 162 CQDVDECAIRGGCQHRCVNTP 183

RESULT 4
 US-10-015-115-14
 Sequence 14, Application US/10015115
 Publication No. US20030207800A1
 GENERAL INFORMATION:
 APPLICANT: Malyankar, Uriel M

APPLICANT: Sheroy, Suresh G
 APPLICANT: Spytek, Kimberly A.
 APPLICANT: Zetrusen, Bryan D
 APPLICANT: Pattnarajan, Meera
 APPLICANT: Guo, Xiaojia
 APPLICANT: Kekuda, Ramesha
 APPLICANT: Gangolli, Esha A.
 APPLICANT: Shinkets, Richard A.
 APPLICANT: Taurier, Raymond J
 APPLICANT: Li, Li
 APPLICANT: Padigaru, Muralidhara
 TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of File Reference: 21402-211
 CURRENT APPLICATION NUMBER: US/10/015,115
 CURRENT FILING DATE: 2003-09-23
 PRIOR APPLICATION NUMBER: 60/248,153
 PRIOR FILING DATE: 2000-11-13

APPLICANT: Padigaru, Muralidhara
 TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of File Reference: 21402-211
 CURRENT APPLICATION NUMBER: US/10/015,115
 CURRENT FILING DATE: 2003-09-23
 PRIOR APPLICATION NUMBER: 60/248,153
 PRIOR FILING DATE: 2000-09-23

APPLICANT: Padigaru, Muralidhara
 TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of File Reference: 21402-211
 CURRENT APPLICATION NUMBER: US/10/015,115
 CURRENT FILING DATE: 2003-09-23
 PRIOR APPLICATION NUMBER: 60/248,153
 PRIOR FILING DATE: 2000-11-13

PRIOR APPLICATION NUMBER: 60/249,598
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/264,240
 PRIOR FILING DATE: 2001-01-26
 PRIOR APPLICATION NUMBER: 60/266,127
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/269,562
 PRIOR FILING DATE: 2001-02-16
 PRIOR APPLICATION NUMBER: 60/304,348
 PRIOR FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: 60/309,261
 PRIOR FILING DATE: 2001-07-31
 PRIOR APPLICATION NUMBER: 60/313,283
 PRIOR FILING DATE: 2001-08-17
 NUMBER OF SEQ ID NOS: 205
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 16
 LENGTH: 2757
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-115-8
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 Best Local Similarity 45.5%; Pred. No. 93; Mismatches 8; Indels 1; Gaps 1;
 Matches 10; Conservative 3; Missmatches 3;
 Qy 4 CROQKICR-RGGCCYKCTNRP 24
 Db 2527 CQEVDDECAGRRGCPSCANTP 2548

RESULT 6
 US-10-015-115-8
 Sequence 8 Application US/10015115
 Publication No. US20030207800A1
 GENERAL INFORMATION:
 APPLICANT: Malyankar, Uriel M
 APPLICANT: Shenoy, Suresh G
 APPLICANT: Spytek, Kimberly A
 APPLICANT: Zerhusen, Bryan D
 APPLICANT: Patturajan, Meera
 APPLICANT: Guo, Xiaojaia
 APPLICANT: Kekuda, Ramesha
 APPLICANT: Gangolli, Esha A
 APPLICANT: Shimkets, Richard A
 APPLICANT: Taupier, Raymond J
 APPLICANT: Li, Li
 APPLICANT: Padigaru, Muralidhara
 TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
 Using the Same
 FILE REFERENCE: 21402-211
 CURRENT APPLICATION NUMBER: US/10/015,115
 CURRENT FILING DATE: 2002-09-23
 PRIOR APPLICATION NUMBER: 60/248,153
 PRIOR FILING DATE: 2000-11-13
 PRIOR APPLICATION NUMBER: 60/249,598
 PRIOR FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: 60/264,240
 PRIOR FILING DATE: 2001-01-26
 PRIOR APPLICATION NUMBER: 60/266,127
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 60/269,562
 PRIOR FILING DATE: 2001-02-16
 PRIOR APPLICATION NUMBER: 60/304,348
 PRIOR FILING DATE: 2001-01-26
 PRIOR APPLICATION NUMBER: 60/266,127
 PRIOR APPLICATION NUMBER: 60/269,562
 PRIOR FILING DATE: 2001-02-16
 PRIOR APPLICATION NUMBER: 60/304,348
 PRIOR FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: 60/309,261
 PRIOR FILING DATE: 2001-07-31
 PRIOR APPLICATION NUMBER: 60/313,283
 PRIOR FILING DATE: 2001-08-17
 NUMBER OF SEQ ID NOS: 205
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 12
 LENGTH: 2845
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-015-115-12

Query Match 38.9%; Score 57.5; DB 15; Length 2845;
 Best Local Similarity 45.5%; Pred. No. 96; Mismatches 8; Indels 1; Gaps 1;
 Matches 10; Conservative 3; Missmatches 3;
 Qy 4 CROQKICR-RGGCCYKCTNRP 24
 Db 2615 CQEVDDECAGRRGCPSCANTP 2636

RESULT 8
 US-10-015-115-10
 Sequence 10 Application US/10015115
 Publication No. US20030207800A1
 GENERAL INFORMATION:

APPLICANT: Malyankar, Uriel M
 APPLICANT: Shenoy, Suresh G
 APPLICANT: Spytek, Kimberly A
 APPLICANT: Zerhusen, Bryan D
 APPLICANT: Patterson, Meera
 APPLICANT: Guo, Xiaojii
 APPLICANT: Rekuda, Ramesha
 APPLICANT: Gangolli, Esha A
 APPLICANT: Shimkets, Richard A
 APPLICANT: Taupier, Raymond J
 APPLICANT: Li, Li
 APPLICANT: Padiaru, Muralidhara

TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of Using the Same

FILE REFERENCE: 21402211

CURRENT APPLICATION NUMBER: US/10/015,115

CURRENT FILING DATE: 2002-09-23

PRIOR FILING DATE: 2000-11-13

PRIOR APPLICATION NUMBER: 60/248,153

PRIOR FILING DATE: 2000-11-13

PRIOR APPLICATION NUMBER: 60/249,598

PRIOR FILING DATE: 2000-11-17

PRIOR APPLICATION NUMBER: 60/264,240

PRIOR FILING DATE: 2001-01-26

PRIOR APPLICATION NUMBER: 60/266,127

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: 60/269,562

PRIOR FILING DATE: 2001-02-16

PRIOR FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/309,261

PRIOR FILING DATE: 2001-07-31

PRIOR APPLICATION NUMBER: 60/313,283

PRIOR FILING DATE: 2001-08-17

NUMBER OF SEQ ID NOS: 205

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 6

LENGTH: 2995

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: VARIANT

LOCATION: (49)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (98)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (104)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (106)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

US-10-015-115-6

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Best Local Similarity 45.5%; Pred. No. 97; Mismatches 8; Indels 1; Gaps 1;

Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROQIKICR-RGGCYYKCTNRP 24
 Db 2647 QQEVDCAAGRGPSCSYSCANTP 2668

Query Match 38.9%; Score 57.5%; DB 15; Length 2995;

Best Local Similarity 45.5%; Pred. No. 1e+02; Mismatches 3; Indels 1; Gaps 1;

Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROQIKICR-RGGCYYKCTNRP 24
 Db 2765 CQEVDCAAGRGPSCSYSCANTP 2786

RESULT 9

US-10-015-115-6

Sequence 6, Application US/10015115

Publication No. US20030207800A1

GENERAL INFORMATION:

APPLICANT: Malyankar, Uriel M
 APPLICANT: Shenoy, Suresh G
 APPLICANT: Spytek, Kimberly A
 APPLICANT: Zerhusen, Bryan D
 APPLICANT: Patterson, Meera
 APPLICANT: Guo, Xiaojii
 APPLICANT: Rekuda, Ramesha
 APPLICANT: Gangolli, Esha A
 APPLICANT: Shimkets, Richard A
 APPLICANT: Taupier, Raymond J
 APPLICANT: Li, Li
 APPLICANT: Padiaru, Muralidhara

TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of Using the Same

FILE REFERENCE: 21402211

CURRENT APPLICATION NUMBER: US/10/015,115

CURRENT FILING DATE: 2002-09-23

PRIOR APPLICATION NUMBER: 60/248,153

PRIOR FILING DATE: 2000-11-13

PRIOR APPLICATION NUMBER: 60/249,598

PRIOR FILING DATE: 2000-11-17

PRIOR APPLICATION NUMBER: 60/264,240

PRIOR FILING DATE: 2001-01-26

PRIOR APPLICATION NUMBER: 60/266,127

PRIOR FILING DATE: 2001-02-02

PRIOR APPLICATION NUMBER: 60/269,562

PRIOR FILING DATE: 2001-02-16

PRIOR APPLICATION NUMBER: 60/304,348

PRIOR FILING DATE: 2001-07-10

PRIOR APPLICATION NUMBER: 60/309,261

PRIOR FILING DATE: 2001-07-31

PRIOR APPLICATION NUMBER: 60/313,283

PRIOR FILING DATE: 2001-08-17

NUMBER OF SEQ ID NOS: 205

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 6

LENGTH: 2995

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: VARIANT

LOCATION: (49)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (98)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (104)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

FEATURE:

NAME/KEY: VARIANT

LOCATION: (106)

OTHER INFORMATION: Wherein Xaa is any amino acid as defined in the specification.

US-10-015-115-6

Query Match 38.9%; Score 57.5%; DB 15; Length 2995;

Best Local Similarity 45.5%; Pred. No. 1e+02; Mismatches 3; Indels 1; Gaps 1;

Matches 10; Conservative 3; Mismatches 8; Indels 1; Gaps 1;

Qy 4 CROQIKICR-RGGCYYKCTNRP 24
 Db 2765 CQEVDCAAGRGPSCSYSCANTP 2786

RESULT 10

Sequence 10, Application US/10437963

Publication No. US20040123343A1

GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovacic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 APPLICANT: Wu, Wei
 APPLICANT: Bouharov, Andrey A.
 APPLICANT: Barbatz, Brad
 APPLICANT: Li, Ping

TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With Title of Invention: Plants and Uses Thereof for Plant Improvement

CURRENT APPLICATION NUMBER: 38-21 (53221)B

CURRENT FILING DATE: 2003-05-14

NUMBER OF SEQ ID NOS: 204966

SEQ ID NO: 153687

LENGTH: 762

TYPE: PRT
 ORGANISM: *Oryza sativa*
 OTHER INFORMATION: Clone ID: PAT_MRT4510_53619C.1..pep
 US-10-437-963-153687

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 Matches 10; Conservative 3; Mismatches 8; Indels 2; Gaps 1;

RESULT 12
 US-10-363-829-289 ; Sequence 81, Application US/10252734
 ; Sequence 81, Application US/10252734
 ; Publication No. US20030176652A1
 ; GENERAL INFORMATION:
 ; APPLICANT: MCCRAY, JR., PAUL B.
 ; APPLICANT: SCHUTTE, BRIAN C.
 ; APPLICANT: JIA, HONG PENG
 ; APPLICANT: CASAVANT, THOMAS L.
 ; TITLE OF INVENTION: HUMAN AND MOUSE b-DEFENSINS, ANTIMICROBIAL PEPTIDES
 ; FILE REFERENCE: IOWA:04 IUS
 ; CURRENT APPLICATION NUMBER: US/10/252,734
 ; CURRENT FILING DATE: 2002-09-23
 ; PRIOR APPLICATION NUMBER: 60/323,991
 ; PRIOR FILING DATE: 2001-09-21
 ; NUMBER OF SEQ ID NOS: 82
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 81
 ; LENGTH: 34
 ; TYPE: PRT
 ; ORGANISM: *Mus musculus*
 US-10-252-734-81

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 Best Local Similarity 69.2%; Pred. No. 5.1;
 Matches 9; Conservative 2; Mismatches 1; Indels 1; Gaps 1;

RESULT 13
 US-10-204-342-11 ; Sequence 11, Application US/10204342
 ; Sequence 11, Application US/10204342
 ; Publication No. US20030217389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Washington State University Research Foundation
 ; APPLICANT: Pearce, Clarence
 ; APPLICANT: Moura, Daniel
 ; TITLE OF INVENTION: No. US20030217389A1 Peptides and Methods of Use
 ; FILE REFERENCE: WSUR-1-16909
 ; CURRENT APPLICATION NUMBER: US/10/204,342
 ; CURRENT FILING DATE: 2002-08-15
 ; PRIOR APPLICATION NUMBER: 60/183,073
 ; PRIOR FILING DATE: 2000-12-15
 ; PRIOR APPLICATION NUMBER: 60/183,089
 ; PRIOR FILING DATE: 2000-02-15
 ; NUMBER OF SEQ ID NOS: 39
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 11
 ; LENGTH: 49
 ; TYPE: PRT
 ; ORGANISM: *Arabidopsis thaliana*
 US-10-204-342-11

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 Best Local Similarity 41.4%; Pred. No. 8.2;
 Matches 12; Conservative 2; Mismatches 11; Indels 4; Gaps 1;

Query Match 37.5%; Score 55.5; DB 16; Length 290;
 Best Local Similarity 45.5%; Pred. No. 24;

RESULT 14
US-10-204-342-10
Sequence 10 Application US/10204342
; Publication No. US20030217389A1
; GENERAL INFORMATION:
; APPLICANT: Washington State University Research Foundation
; APPLICANT: Ryan, Clarence
; APPLICANT: Pearce, Gregory
; APPLICANT: Moura, Daniel
TITLE OF INVENTION: No. US20030217389A1 Peptides and Methods of Use
FILE REFERENCE: WSUR-1-16309
CURRENT APPLICATION NUMBER: US/10/204,342
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 60/183,073
PRIOR FILING DATE: 2000-02-15
PRIOR APPLICATION NUMBER: 60/183,089
PRIOR FILING DATE: 2000-02-15
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.0
SEQ ID NO: 10
LENGTH: 49
TYPE: PRT
ORGANISM: Populus tremula x, populus tremuloides
US-10-204-342-10

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Query Match      35.0%; Score 53; DB 15; Length 49;
Best Local Similarity 50.0%; Pred. No. 11;
Matches 10; Conservative 0; Mismatches 6; Indels 4;
Caps 1;
Qy 10 CRRRGCCYYKCTN---R PY 25
Db 1A CSRRGAGSYVYCKNGAAQANP 37

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RESULT 15
US-10-437-963-155311 ; Sequence 155311, Application US/10437963
; GENERAL INFORMATION:
; APPLICANT: La Rose, Thomas J.
; APPLICANT: Kovacic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10-437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; CREDITS: NO: 155311

Search completed: June 3, 2005, 01:36:55
Search time : 139 secs

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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: June 3, 2005, 01:12:23 ; Search time 41 Seconds
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45.518 Million cell updates/sec

Title: US-09-486-094C-2

Perfect score: 148

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Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

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 3: /cgn2_6/podata/1/iaa/6A_COMB.pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

SUMMARIES

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4	54	36.5	129	4	US-09-270-767-5049	Sequence 5049, A
5	54	36.5	250	4	US-09-248-796A-19737	Sequence 19737, A
6	51.5	34.8	956	2	US-08-897-443-3	Sequence 3, Appli
7	51	34.5	111	4	US-09-640-211A-966	Sequence 966, App
8	51	34.5	113	4	US-09-640-211A-2273	Sequence 2273, App
9	51	34.5	194	4	US-09-252-991A-21199	Sequence 21199, A
10	50	33.8	395	4	US-09-252-91A-28738	Sequence 28738, A
11	49	33.1	37	4	US-09-732-210-514	Sequence 514, App
12	49	33.1	37	4	US-09-732-210-518	Sequence 518, App
13	48.5	32.8	638	2	US-08-897-443-1	Sequence 1, Appli
14	48.5	32.8	956	2	US-09-949-016-5215	Sequence 6215, App
15	48.5	32.8	963	4	US-09-949-016-11519	Sequence 11519, A
16	48.5	32.8	963	4	US-09-949-016-11520	Sequence 11520, A
17	48	32.4	37	4	US-09-732-210-506	Sequence 506, App
18	48	32.4	37	4	US-09-732-210-517	Sequence 517, App
19	48	32.4	37	4	US-09-732-210-994	Sequence 994, App
20	48	32.4	214	1	US-08-033-797-3	Sequence 3, Appli
21	48	32.4	214	1	US-08-472-265-3	Sequence 3, Appli
22	48	32.4	214	1	US-08-472-263-3	Sequence 3, Appli
23	47.5	32.1	178	4	US-09-148-545-161	Sequence 161, App
24	47.5	32.1	997	4	US-09-747-371-3	Sequence 3, Appli
25	47	31.8	37	4	US-09-732-210-513	Sequence 513, App
26	47	31.8	37	4	US-09-732-210-977	Sequence 977, App
27	47	31.8	822	4	US-09-252-991A-23250	Sequence 23250, A

ALIGNMENTS

RESULT 1

US-09-125-234-1

; Sequence 1, Application US/09125234A

; Patent No. 6127336

; GENERAL INFORMATION:

; APPLICANT: Bulet, Philippe

; APPLICANT: Hettre, Charles

; APPLICANT: Hoffmann, Jules

; APPLICANT: Sabatier, Laurence

; TITLE OF INVENTION: ANTIFUNGAL AND ANTBACTERIAL PEPTIDES

; FILE REFERENCE: 31913-PCT-USA

; CURRENT APPLICATION NUMBER: US/09/125-234A

; CURRENT FILING DATE: 1998-11-16

; EARLIER APPLICATION NUMBER: 96-02168

; EARLIER FILING DATE: 1996-02-16

; EARLIER APPLICATION NUMBER: PCT/FR97/00295

; NUMBER OF SEQ ID NOS: 2

; SOFTWARE: FastSBQ For Windows Version 3.0

; SEQ ID NO 1

; LENGTH: 25

; TYPE: PRT

; ORGANISM: Androctonus australis

US-09-125-234-1

Query Match 95.3%; Score 141; DB 3; Length 25;

Best Local Similarity 96.0%; Pred. No. 1.5e-11;

Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 RSVCRQIKICRERRGGYYKCTNRPY 25

Dy 1 RSVCRQIKICRERRGGYYKCTNRPY 25

RESULT 2

US-09-125-234-2

; Sequence 2, Application US/09125234A

; Patent No. 6127336

; GENERAL INFORMATION:

; APPLICANT: Hettre, Charles

; APPLICANT: Hoffmann, Jules

; APPLICANT: Sabatier, Laurence

; TITLE OF INVENTION: ANTIFUNGAL AND ANTBACTERIAL PEPTIDES

; FILE REFERENCE: 31913-PCT-USA

; CURRENT APPLICATION NUMBER: US/09/125-234A

; CURRENT FILING DATE: 1998-11-16

; EARLIER APPLICATION NUMBER: 96-02168

; EARLIER FILING DATE: 1996-02-16

; EARLIER APPLICATION NUMBER: PCT/FR97/00295

EARLIER FILING DATE: 1997-02-17
 NUMBER OF SEQ ID NOS: 2
 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 2
 LENGTH: 25
 TYPE: PRT
 ORGANISM: Androctonus australis

FEATURE:
 NAME/KEY: UNSURE

LOCATION: (4) ... (4)

NAME/KEY: UNSURE

LOCATION: (10) ... (10)

NAME/KEY: UNSURE

LOCATION: (16) ... (16)

NAME/KEY: UNSURE

LOCATION: (20) ... (20)

US-09-125-234-2

Query Match 65.5%; Score 97; DB 3; Length 25;
 Best Local Similarity 83.3%; Pred. No. 5.9e-06;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 TYPE: PRT
 ORGANISM: Drosophila melanogaster

Qy 1 RSVCRQTKICRGGCCYKCTNRP 24
 Db 1 RSVXRQKIXRRGGAXYKCTNRP 24

RESULT 3

US-09-270-767-35232
 ; Sequence 35232, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO: 35232
 ; LENGTH: 129
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster

US-09-270-767-35232
 ; Sequence 35232, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO: 35232
 ; LENGTH: 129
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster

RESULT 4

US-09-270-767-50449
 ; Sequence 50449, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO: 50449
 ; LENGTH: 129
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster

US-09-270-767-50449
 ; Sequence 50449, Application US/09270767
 ; Patent No. 6703491
 ; GENERAL INFORMATION:
 ; APPLICANT: Homburger et al.
 ; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
 ; FILE REFERENCE: File Reference: 7326-094
 ; CURRENT APPLICATION NUMBER: US/09/270,767
 ; CURRENT FILING DATE: 1999-03-17
 ; NUMBER OF SEQ ID NOS: 62517
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO: 50449
 ; LENGTH: 129
 ; TYPE: PRT
 ; ORGANISM: Drosophila melanogaster

Best Local Similarity 50.0%; Pred. No. 7.6;
 Matches 8; Conservative 3; Mismatches 5;
 Indels 0;
 Gaps 0;

Qy 10 CRRGGCCYKCTNRP 25

Db 109 CVRRPSCLYRCLHRPH 124

RESULT 5

US-09-248-796A-19737
 ; Sequence 19737, Application US/09248796A
 ; Patent No. 6747137
 ; GENERAL INFORMATION:
 ; APPLICANT: Keith Weinstock et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN

; FILE REFERENCE: 107196-132
 ; CURRENT APPLICATION NUMBER: US/09/248,796A
 ; CURRENT FILING DATE: 1998-02-12
 ; PRIORITY DATE: 1998-02-13
 ; PRIOR APPLICATION NUMBER: US 60/074,725
 ; PRIOR FILING DATE: 1998-02-13
 ; NUMBER OF SEQ ID NOS: 28208
 ; SEQ ID NO 19737
 ; LENGTH: 250
 ; TYPE: PRT
 ; ORGANISM: Candida albicans

US-09-248-796A-19737

Query Match 36.5%; Score 54; DB 4; Length 250;
 Best Local Similarity 50.0%; Pred. No. 14;
 Matches 9; Conservative 2; Mismatches 7;
 Indels 0;
 Gaps 0;

Qy 8 KICRRGGCCYKCTNRP 25
 Db 30 KMARRPARYCKNRPY 47

RESULT 6

US-08-897-443-3
 ; Sequence 3, Application US/08897443
 ; Patent No. 5981263
 ; GENERAL INFORMATION:
 ; APPLICANT: Hallman, Jennifer L.
 ; APPLICANT: Lal, Preeti
 ; APPLICANT: Corley, Neil C.
 ; APPLICANT: Shah, Purvi
 ; APPLICANT: Kaiser, Mathew
 ; TITLE OF INVENTION: HUMAN MATRILIN-3
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/897,443
 ; FILING DATE: Filed Herewith
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0348 US

Query Match 36.5%; Score 54; DB 4; Length 129;

Best Local Similarity 50.0%; Pred. No. 7.6;
 Matches 3; Mismatches 5; Indels 0; Gaps 0;

Qy 10 CRRGGCCYKCTNRP 25

Db 109 CVRRPSCLYRCLHRPH 124

RESULT 7

US-09-248-796A-19737
 ; Sequence 19737, Application US/09248796A
 ; Patent No. 6747137
 ; GENERAL INFORMATION:
 ; APPLICANT: Hallman, Jennifer L.
 ; APPLICANT: Lal, Preeti
 ; APPLICANT: Corley, Neil C.
 ; APPLICANT: Shah, Purvi
 ; APPLICANT: Kaiser, Mathew
 ; TITLE OF INVENTION: HUMAN MATRILIN-3
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/897,443
 ; FILING DATE: Filed Herewith
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0348 US

Query Match 36.5%; Score 54; DB 4; Length 129;

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-85-4166
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 956 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GenBank
 CLONE: 2072792
 US-08-897-443-3

Query Match 34.8%; Score 51.5; DB 2; Length 956;
 Best Local Similarity 39.1%; Pred. No. 99;
 Matches 9; Conservative 4; Mismatches 9;
 Indels 1; Gaps 1;
 Qy 1 RSVCRQIKICR-RGGCYYKCTN 22
 Db 397 RKTCCRINNCALNPKGCEBVCN 419

RESULT 7

US-09-640-211A-966
 ; Sequence 966, Application US/09640211A
 ; Patent No. 6833446
 ; GENERAL INFORMATION:

; APPLICANT: Wood, Marion
 ; APPLICANT: Shank, Michael A.
 ; APPLICANT: McGrath, Annette
 ; APPLICANT: Glenn, Matthew

; TITLE OF INVENTION: Compositions and Methods for the
 ; TITLE OF INVENTION: Modification of Gene Transcription
 ; FILE REFERENCE: 11000.1021C1U
 ; CURRENT APPLICATION NUMBER: US/09/640,211A
 ; CURRENT FILING DATE: 2000-08-16
 ; NUMBER OF SEQ ID NOS: 2368

; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 966
 ; LENGTH: 111
 ; TYPE: PRT
 ; ORGANISM: Pinus radiata

US-09-640-211A-966
 Query Match 34.5%; Score 51; DB 4; Length 111;
 Best Local Similarity 55.6%; Pred. No. 16;
 Matches 10; Conservative 2; Mismatches 6;
 Indels 0; Gaps 0;

Qy 2 SVCRQIKICR-RGGCYYK 19
 Db 14 SVHRQVTFCRGGLMKK 31

US-09-640-211A-2273
 ; Sequence 2273, Application US/09640211A
 ; Patent No. 6833446
 ; GENERAL INFORMATION:

; APPLICANT: Wood, Marion
 ; APPLICANT: Shank, Michael A.
 ; APPLICANT: McGrath, Annette
 ; APPLICANT: Glenn, Matthew

; TITLE OF INVENTION: Compositions and Methods for the
 ; TITLE OF INVENTION: Modification of Gene Transcription
 ; FILE REFERENCE: 11000.1021C1U
 ; CURRENT APPLICATION NUMBER: US/09/640,211A
 ; CURRENT FILING DATE: 2000-08-16
 ; NUMBER OF SEQ ID NOS: 2368

; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 2273
 ; LENGTH: 113
 ; TYPE: PRT

; ORGANISM: Pinus radiata
 US-09-640-211A-2273

Query Match 34.5%; Score 51; DB 4; Length 113;
 Best Local Similarity 55.6%; Pred. No. 16;
 Matches 10; Conservative 2; Mismatches 6;
 Indels 0; Gaps 0;

Qy 2 SVCRQIKICR-RGGCYYK 19
 Db 14 SVHRQVTFCRGGLMKK 31

RESULT 9
 US-09-252-991A-21199
 ; Sequence 21199, Application US/09252991A
 ; Patent No. 6551795
 ; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 ; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A
 ; CURRENT FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: US 60/074,788
 ; PRIOR FILING DATE: 1998-02-18
 ; PRIOR APPLICATION NUMBER: US 60/094,190
 ; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142
 ; SEQ ID NO: 21199
 ; LENGTH: 194
 ; TYPE: PRT
 ; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-21199

Query Match 34.5%; Score 51; DB 4; Length 194;
 Best Local Similarity 58.8%; Pred. No. 27;
 Matches 10; Conservative 1; Mismatches 4;
 Indels 2; Gaps 1;

Qy 9 ICRRRG--GCYYKCTNR 23
 Db 175 ICRRAGIPSCRWTCANR 191

RESULT 10

US-09-252-991A-28738

; Sequence 28738, Application US/09252991A
 ; Patent No. 6551795
 ; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.
 ; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 ; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A
 ; CURRENT FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: US 60/074,788
 ; PRIOR FILING DATE: 1998-02-18
 ; NUMBER OF SEQ ID NOS: 33142
 ; SEQ ID NO: 28738
 ; LENGTH: 395
 ; TYPE: PRT
 ; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-28738

Query Match 33.8%; Score 50; DB 4; Length 395;
 Best Local Similarity 55.0%; Pred. No. 68;
 Matches 11; Conservative 3; Mismatches 2;
 Indels 4; Gaps 1;

Qy 1 RSVERQIKI----CRRGCC 16
 Db 120 RAVERQPRMHAAPCRRGCC 139

RESULT 11
US-09-732-210-514
; Sequence 514, Application US/097322210
; Patent No. 6573361
; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 38-21115036B
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,513
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/169,340
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO: 514
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Pisum sativum
US-09-732-210-514

Query Match Score 33.1%; Score 49; DB 4; Length 37;
Best Local Similarity 36.4%; Pred. No. 11;
Matches 8; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 1 RSVCRQIKICRERRGGYKCTN 22
Db 8 RKICEKCRLLRRGRLLIVICSN 29

RESULT 12
US-09-732-210-518
; Sequence 518, Application US/097322210
; Patent No. 6573361
; GENERAL INFORMATION:
; APPLICANT: Bunkers, Greg J.
; APPLICANT: Liang, Jihong
; APPLICANT: Mittanck, Cindy A.
; APPLICANT: Seale, Jeffrey W.
; APPLICANT: Wu, Yonnie S.
; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
; FILE REFERENCE: 38-21115036B
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: US 60/169,513
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: US 60/169,340
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 1753
; SEQ ID NO: 518
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Nicotiana tabacum
US-09-732-210-518

Query Match Score 33.1%; Score 49; DB 4; Length 37;
Best Local Similarity 36.4%; Pred. No. 11;
Matches 8; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 1 RSVCRQIKICRERRGGYKCTN 22
Db 8 RKICEKCRLLRRGRLLIVICSN 29

RESULT 13
US-09-897-443-1
; Sequence 1, Application US/08897443
; Patent No. 5981263

```

; LENGTH: 956
; TYPE: PRF
; ORGANISM: Human
US-09-949-016-6215

Query Match      32.8%; Score 48.5; DB 4; Length 956;
Best Local Similarity 34.8%; Pred. No. 2.4e+02;
Matches 8; Conservative 5; Mismatches 9; Indels 1; Gaps 1;
Qy          1 RSVCRQIKCR-RGGCYKCTN 22
Db          397 KKTCCRINVCALNPKGCEBCVN 419

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RESULT 15

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US-09-949-016-11519
Sequence 11519, Application US/09949016
Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO1307

CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSQL for Windows Version 4.0
SEQ ID NO 11519
LENGTH: 963
TYPE: PRF
ORGANISM: Human
US-09-949-016-11519

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Query Match      32.8%; Score 48.5; DB 4; Length 963;
Best Local Similarity 34.8%; Pred. No. 2.4e+02;
Matches 8; Conservative 5; Mismatches 9; Indels 1; Gaps 1;
Qy          1 RSVCRQIKCR-RGGCYKCTN 22
Db          438 KKTCCRINVCALNPKGCEBCVN 460

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Job time : 43 secs

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